

Map Unit Description

Moffat County Area, Colorado

216 Yamo loam, 3 to 15 percent slopes

Setting

Elevation: 6200 to 7000 feet
Mean annual precipitation: 11 to 13 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 75 to 95 days

Composition

Yamo and similar soils: 90 percent

Description of Yamo

Setting

Landform: Structural benches, hills
Landform position (two-dimensional): Toeslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from sandstone and in loess

Properties and Qualities

Slope: 3 to 15 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Sodium adsorption ratio maximum: 1.0
Available water capacity: High (about 9.5 inches)

Interpretive Groups

Land capability (non irrigated): 4e
Ecological site: Clayey Foothills (R034XY289CO)

Typical Profile

0 to 5 inches: loam
5 to 22 inches: loam
22 to 60 inches: loam